

S/169/62/000/009/070/120
D228/D307

Portable automatic equipment ...

tite iron ore to be distinguished. Besides this, ores can be ex-
posed more clearly and simply than from electric logging data.
Measurements may be made at high speeds (1500 m/hr). [Abstrac-
ter's note: Complete translation.]

Card 3/3

KEL'BERT, D.L.; KHODZHAYEV, F.Kh., red.; KUVALDIN, V.A., red.;
YAKOVENKO, Ye.P., red.

[Safety measures in mechanizing heavy and labor-consuming
work in the cotton and bast industries] Tekhnika bez-
opasnosti pri mekhanizatsii tiazhelykh i trudoemkikh rabot
v khlopkovoi i lubianoi promyshlennosti. Tashkent, Gosiz-
dat Uzb.SSR, 1962. 181 p. (MIRA 17:5)

MEYYER, V.A.; KUVALDIN, V.A.; BOGDANOV, B.N.

AMK-T apparatus for logging magnetic susceptibility on transistors.
Uch.zap.IGU no.303:267-273 '62. (MIRA 15:11)
(Magnetic prospecting--Electronic equipment)
(Automatic control)

KUVALDIN, Vasiliy Nikolayevich, kand.ekonom.nauk; KULIN, P.V., red.;
IZHboldina, S.I., tekhn.red.

[Collective-farm income; ways of increasing and using it
correctly] Dokhody kolkhozov, puti ikh uvelicheniya i pravil'nogo
ispol'zovaniya. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1960.
47 p. (MIRA 14:1)

(Collective farms--Economic aspects)

KUVALDINA, L. A.

The causes of destruction of the refractory material during the process of the manufacturing of carbon block. I. Tarasenko and L. Kuvaldina. *J. Rubber Ind.* (U. S. S. R.) 12, 220 (1937). The oil spilled on the refractory (I) leaves ash after burning. The ash consists of low-melting fluxes (oxides of Fe, Ca, Mg, K and Na) which penetrate into the pores of I and form an enamel which has a diff. coeff. of expansion than I. Chem. action of gases, especially CO, attacks I. Fe oxide catalyzes the reaction as, $2CO + CO_2 + C$, at 400-800° and forms a swelling around the Fe spots in I. High porosity in I gives more surface for settling of C, thus increasing the deterioration of I. I should contain not higher than 1.20% Fe oxides and porosity not higher than 17-18% by vol. A. P.

KUVALDINA, L.A.

1ⁿ

Tapped crude oil and polymers as raw material for the preparation of carbon black. S. V. Kubkov and L. A. Kuvaldina. *Kharkovskoe Obshchinoye Prom. N. N. N. R.* 16, No. 2, 63-67 (1967). The economics of preparing black from tapped crude oil (minerals, which are broken in the usual manner) and from polymers obtained in the USSR treatment of petroleum fractions, as well as from "green oil," obtained in the pyrolysis of petroleum fractions, are discussed. A. A. Podgorev

ASG-SLA METALLURGICAL LITERATURE CLASSIFICATION

1100W 1100Z 1100

1100W 1100Z 1100

1100W 1100Z

POLYAK, M.A.; KUVALDINA, L.A.

Investigating the possibility of intensifying the vulcanizing
of tire casings. Kauch. i rez. 17 no.3:23-26 Mr '58. (MIRA 11:6)
(Dogadkin, Boris Aristarkhovich, 1898-)

KUVALDINA, O.A.; ALEKSEYEVA, G.G.

Myocardial infarcts under conditions of the Far North.
Sov. Med. 26 no.9:96-100 S '62. (MIRA 17:4)

1. Iz terapeuticheskogo otdeleniya (zav. G.G. Alekseyeva)
Murmanskoy oblastnoy bol'nitsy.

KUVALDINA, O.A.

Work of a provincial hospital promoting the specialization of
therapeutists. Zdrav. Ros. Feder. 7 no.7:29-30 Jl'63.

1. Glavnnyy terapeut Murmanskogo oblastnogo otdela zdravookhraneniya.

(MURMANSK--MEDICAL PERSONNEL)

LENINGRAD, USSR.

Official electronic photographic picture of a small rectangular
block. Dev. no. 231018-14-1. Mz 165.

(MIRA 18:10)

1. Mirrored photograph of a rectangular block (U.S. version).

SHCHUKINA, N.F.; KUVALDINA, Ye.D.

Synoptic conditions for invasions from the north into the south-eastern regions of Kazakhstan. Trudy Kaz. NIOMI no.6:83-101 '56.
(Kazakhstan--Meteorology) (MLRA 10:9)

BUR'YANOVA, Ye.Z.; KUVALEV, G.A.; KUMAUV, A.I.

Cadmoselite, a new mineral. Zap.Vses.min.ob-va 86 no.5:626-628 '57.
(MIRA 10:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut,
Leningrad.
(Cadmium selenides)

KUVALIN, I.

Mechanism for cleaning the sieves of the OKS-4 separators. Muk.-
elev. prom. 29 no.3:23-24 Mr '63. (MIRA 16:9)

1. Starshiy master Georgiyevskogo kukuruzoobrabatyvayushchego za-
voda Stavropol'skogo kraya.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930003-8"

1. KUVAL'TSEVA, I. V., ENG.
2. USSR (600)
4. Cooling Towers
7. Device for the prevention of ice formation on cooling tower louvers.
Rab.energ. 2 no. 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8

GORDON, F. S.; LEVASHOV, L. N.

Lazarev, Petr Petrovich, 1878-1942.

P. N. Lebedev and N. M. Zhukovskiy on L. N.

Lazarev (unpublished letters).

Vest AV SSSR 22 no. 4, 1952.

Identify List of Russian Acquisitions, Library of Congress, October 1942. UNCLASSIFIED.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8"

USSR/ Scientists

Card 1/1 Pub. 124 - 30/40

Authors : Kuvarnova, L. K., and Shakhovskaya, A. D.

Title : The Moscow Archives of the Academy of Sciences USSR

Periodical : Vest. AN SSSR 1, 111-112, Jan 1955

Abstract : Announcement is made concerning the addition to the Moscow Archive of the AN SSSR of many volumes of books written by the Soviet naturalist, geochemist and biochemist V. I. Vernadskiy who died in January 1945. Three USSR references (1944-1950).

Institution :

Submitted :

KUVANOVA, L.K.

Short review of S.I. Vavilov's archival material kept in the
Moscow Branch of the Archives of the Academy of Sciences of the
U.S.S.R. Trudy Inst.ist.est.i tekhn. 17:155-160 '57. (MLRA 10:7)
(Vavilov, Sergei Ivanovich, 1891-1951)

AUTHOR: KUVANOVA, L.K. PA - 2630
TITLE: Valuable Additions to Archives. (Tsennyye arkhivnyye postupleniya,
Russian)
PERIODICAL: Vestnik Akademii Nauk SSSR, 1957, Vol 27, Nr 3, pp 120 - 121
(U.S.S.R.)
Received: 5 / 1957 Reviewed: 6 / 1957

ABSTRACT: In the course of the past year the archives of the Academy of Science were enriched by valuable bequests made by scientists who had died recently, among them from the late President of the Academy S.I.Vavilov, the late members of the Academy V.A.Obruchyev, and M.M.Bogoslovskiy, and the explorer G.S.Kapyelin.
Among the works bequeathed by S.I.Vavilov were his scientific works on physics, particularly in the field of optics, as well as material connected with his lectures, speeches, and review, a re-port on his activities as a pedagogue, organizer, and sociologist, etc.
V.A.Obruchyev left mainly material concerning his research work and articles on the geology of Siberia and Central Asia, among them articles concerning deposits of gold and ores. Of M.M.Bogoslovskiy there were manuscripts written by the deceased on the history of Peter the Great and the history of the Soviet-Union, as well as accounts of his activities as a pedagogue etc. G.S.Karelin had left the valuable remains of the material dealing with the deceased's expeditions and collections, the major part of which had been

Card 1/2

Valuable Additions to Archives.
destroyed by fire.

PA - 2630

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED
AVAILABLE: Library of Congress

Card 2/2

AUTHORS: Klado, T. N., Kopelevich, Yu. Kh.,
Kuvanova, L. K., Romanov, N. S. 30-58-3-22/45

TITLE: Documents for the Biography of K. E. Tsiolkovskiy
(Materialy k biografii K. E. Tsiolkovskogo)
In the Archives of the AS USSR
(V Arkhive AN SSSR)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 3, pp. 94-103
(USSR)

ABSTRACT: Many valuable documents for the biography of K. E. Tsiolkovskiy are preserved in the archives of the AS USSR. Already in 1899, he requested the then Academy for an expert opinion of his works in the field of aeronautics as well as for their moral and material assistance. Help and assistance, however, were granted only to a very small extent to him, since the importance of his works and experiments was not sufficiently appreciated at that time. In 1902, he furnished a substantial report on his experiments to the Academy, which was soon returned to him with various critical remarks by which he was disappointed. He interrupted further contacts with the

Card 1/2

Documents for the Biography of K. E. Tsiolkovskiy. In the Archives of the AS USSR

30-58-3-22/45

Academy. In 1950, the archives of AS USSR received further documents on Tsiolkovskiy comprising the years 1913 to 1935. Within that period he endeavored to propagate his ideas by means of periodicals and worked on problems in the field of aeronautics. The AS USSR was charged to publish his works based upon documents comprising the years from 1878 to 1935. There are elaborate investigations and drawings of rockets and aeronautical aircraft among these documents. Concluding, the authors state that Tsiolkovskiy was not granted to live to see the practical realization of his ideas; the then level of science and engineering did not allow this. There are 35 references, 35 of which are Soviet.

Card 2/2

COUNTRY : USSR
CATEGORY :

1-5

REC. JOUR. : RZBiol., No. 17, 1958, No. 7054

AUTHOR : Kavanova, T. V.
LIT. F. :

TITLE : Effect of Fertilizers on Development and Yield of Irrigated Potatoes in Crimea.

CRIG. PUB. : Issledovaniye i urozhay, 1957, No 12, 6-10.

ABSTRACT : In experiments over a period of three years, at the state farm "Kalinki" in Arzamas'ka oblast', application of 20 tons per hectare of manure and NPKO with the watering, resulted in high yields of potatoes. However, elevated temperature in July and irregular watering during the period of growth, when moisture content of the soil drops below 30%, reduced greatly the increase of tubers, particularly on the fertilized plots where the plants had extremely developed foliage. Growing of early potatoes, regular watering, and also the combining of main fertilizer with local application of 3 tons compost, 1.5 centners P, 1 centner Na, and the addition of 3 centners of gypsum on CARD: 1/2

Country : USSR
CATEGORY :

M-5

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87054

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : strongly alkaline soil, make it possible to harvest 300 centners per hectare, and more. The author is of the opinion that application of potassium fertilizer, following manure, for potatoes, is not advantageous.

V. V. Prokoshev.

CARD: 2/2

1. Name of individual or entity, address, telephone number.
Dwight D. Eisenhower
2. Date of birth, place of birth, U.S. citizenship, Social Security Number.

3. Name of Employer, if any.

4. Name of previous employer, if any, and reason for termination.

5. Date of birth, place of birth, U.S. citizenship.

6. Name of spouse.

7. Name of children.

KUVANCVA, T. V., Cand Agr Sci -- (diss) "Effect of irrigation and fertilizers on the growth of potatoes in the Crimea." Moscow, 1960. 16 pp with graphs; (All-Union Scientific Research Inst of Fertilizers Soil Science); 150 copies; free; (Ed, Vses, L.D.)

SEARCHED INDEXED SERIALIZED FILED
APR 12 1986 BY SP5 JES/AM/CB
REF ID: A656

1190

SEARCHED INDEXED SERIALIZED FILED
APR 12 1986 BY SP5 JES/AM/CB
REF ID: A656

AUTHOR: Slobtser, Yu. M., Candidate of Technical Sciences, Doctor of Economics;
Prof. A. L. Kharlamov, V. S., Engineer.

TITLE: An investigation of different ways of film-forming

PERIODICAL: Vestnik radiofiziki i radiofizika, no. 11, 1985, p. 1-6.

TEXT: Experimental results with cellulose and its derivatives of three types—cellulose acetate (CA), CTA (cellulose triacetate) and their presence in the microstructure of films made by dipping with "KAF" (KAF-1, KAF-2, KAF-3) and ANG (ANG-1, ANG-2) methods are presented. The influence of the type of cellulose and the method of its introduction on the properties of the films is determined (Table I).

No.	Type of cellulose	Method of introduction	Properties of the film		
			Thickness, μ	Strength, kg/cm ²	Extensibility, %
116	Cellulose acetate	Dipping	1.5	14	100
117	"	Dipping	2.0	14	100
118	"	Dipping	1.5	13	100

Editor: G.

Re: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

On 21 Dec 1985, [REDACTED] and [REDACTED] visited [REDACTED]. They initially met at [REDACTED] (a local bar) around 1900 hours. They were joined by [REDACTED] and [REDACTED] at approximately 2100 hours. All four men were wearing dark clothing. The group was engaged in conversation until about 2200 hours when they left the bar. They walked to [REDACTED] (a local restaurant), where they ordered beer and sat down. After they had been seated for about 20 minutes, [REDACTED] got up, went outside, and walked around the building, talking to himself. At about 2300 hours, [REDACTED] and [REDACTED] began walking away from the restaurant. They were followed by [REDACTED] and [REDACTED]. [REDACTED] and [REDACTED] stopped in front of [REDACTED] (an auto repair shop) and talked with [REDACTED] and [REDACTED]. [REDACTED] and [REDACTED] continued walking away from the restaurant towards [REDACTED]. Both [REDACTED] and [REDACTED] were wearing sunglasses and dark clothing. [REDACTED] and [REDACTED] were walking at a fast pace. When [REDACTED] and [REDACTED] reached [REDACTED], [REDACTED] turned to [REDACTED] and [REDACTED] and said, "I'm going to see what I can see." He then stepped forward and looked through the window of [REDACTED]. [REDACTED] then told [REDACTED] that [REDACTED] was going to break into [REDACTED]. [REDACTED] and [REDACTED] then continued walking away from [REDACTED]. [REDACTED] and [REDACTED] reached [REDACTED] at about 2330 hours.

Card 2/2

ZARUMBA, Ye.M.; CHVAMANIYA, A.Y.; KOVARDINA, N.N.; BEZKIN, M.I.; MALYKHINA, A.F.;
NEPIOTNIK, I.F.; CHUCHENKO, R.I.; MATUSYAK, Ye.I.

Comparative evaluation of various methods of gastric lavage with
"Yessentuki" No.4 mineral water in chronic gastritis. Sber. nauch.
rab. vrach. san.-kur. uchr. profsozov no.1:72-83 '84.

(MIRA 18:10)

I. Yessentukskiy sanat. iem. I.P.Pavlova (glavnnyy vrach A.Ye.
Chvamaniya, nauchnyy rukovoditel' kand.med.nauk I.I.Konovalev).

KUVARIN, V.; MIKHAYLOV, A.

New attempt to distort the picture of Soviet economic progress.
Vop. ekon. no.11:136-144 N '57. (MIRA 11:2)
(Russia--Economic conditions)
(United States--Economic conditions)

ALEKSEYEV, A.; ANCHISHKIN, A.; BERRI, L.; BARABANOV, M.; BOGOMOLOV, O.; BRAJINSKIY, B.; IOFFE, Ya.; KOVAL', T.; KONAKOV, D.; KUVARIN, Y.; KUDROV, V.; LITVIYAKOV, P.; MUROMTSEV, M.; OBOLENSKIY, K.; POKATAYEV, Yu.; TOLKACHEV, A.; KATS, V., red.; KRYLOV, P., red.; KANEVSKAYA, T.M., red.; GERASIMOVA, Ye.S., tekhn.red.

[Economic competition between the U.S.S.R. and the U.S.A.: a criticism of the views of American bourgeois economists] Ekonomicheskoe sorevнование между СССР и США: критика взглядов американских буржуазных экономистов. Moskva, Gosplanizdat, 1959. 240 p. (MIRA 12:3)

1. Moscow. Nauchno-issledovatel'skiy ekonomichevskiy institut. 2. Sotrudniki Nauchno-issledovatel'skogo ekonomichevskogo instituta Gosplana SSSR (for all except Kats, Krylov, Kanevskaia, Gerasimova)
(United States--Economic conditions) (Russia--Economic conditions)

ALEKSEYEV, A.; KUVARIN, V.

Socialism will triumph in the peaceful economic competition with
capitalism. Vop. ekon. no.11:5-12 N '60. (MIRA 13:11)
(Russia--Economic conditions) (United States--Economic conditions)
(Competition, International)

KUVALIN, Viktor Sergeyevich; RYZHKOV, A.S., red.; IONOMARINA, A.A.,
tekhn. red.

[Toward total victory in economic competition with capitalism]
K polnoi pobede v ekonomicheskem sоревновании с kapitalizmom.
Moskva, Ekonomizdat, 1962. 155 p. (MIRA 15:10)
(Competition, International)

ALEKSEYEV, A., kand.ekonom.nauk; KUVARIN, V.

Socialism is winning the economic competition between the two systems.
Komm. Vooruzh. Sil 3 no.2:8-15 Ja '63. (MIRA 16:2)
(Competition, International)

VORONOV, Yu.G.; GORLOV, M.Ya.; KUVARIN, Yu.N.; TSEYLIN, M.A.

Performance of blast furnaces with carbon blocks in the hearth
and hearth bottom. Metallurg 9 no.3:7-9 Mr '64. (MIRA 17:3)

KUDRIKOV, G.V., inzh.; VASIL'YEV, N.N.; KALYAGIN, I.I., inzh.;
KLYMKOV, Yu.B., inzh.; KOSTIK, A.A., inzh.; KRIVOV, N.A.,
inzh; PRIMAKOV, V.S.; SOKOLOV, Ye.I.;
KUZHITIN, Yu.N.; RUDAKOV, S.V.; BYLEV, V.Ye.; KORSHUNOV,
A.N.

Investigating the oxidizing zone of a blast furnace working
under oxygen-enriched blowing (35% oxygen) and using natural
gas. Stal' 25 no.8:76:-77 - 3 '75. (USA 14:9)

KUVAROV E,

Leather packing rings, p. 135, STRJIRENSKA VYDRA (Ministerstvo
strojrenstvi) Praha, Vol. 3, No. 4, Apr. 1955

SOURCE: East European Acquisitions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

KHUKHEYANSKIY, I.N.; ZHITKOV, P.N.; KOVYAZIN, F.Ya., TSYPLAKOV,
D.M.; OGARKOV, B.I.; OGARKOVA, T.V.; RAKIN, A.G., kand.
tekhn. nauk; SHEYDIN, I.A.; UMYANTSEVA, O.M.; MAL'TSEVSKAYA,
R.P.; KUVANCOVA, E.P.; PYUDIK, P.E.; MIOSHEVICHENKO, S.N.;
DORONIN, Yu.G.; ASOTSKIY, L.S.; MAREYEV, V.S.; FOLENSKIY,
K.I., inzh., retsenzent

[Compressed wood and wood plastics in the machinery industry;
a manual] Pressovannaya drevesina i drevesnye plastiki v ma-
shinostroenii; spravochnik. Moskva, Mashinostroenie, 1965.
147 p. (MIRA 18:3)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8

ATVARIN, A., starshina, BUDYKA, N., sovpolkovnik

Our experience in a layout of a passage through ice. Voen. vest.
42 no.1:94-96 Ja '63. (MTR4 17:4)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8"

KUVARZIN, I. N.

124-57-1-1365

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 187 (USSR)

AUTHOR: Kuvarzin, I. N.

TITLE: On the Phenomenon of Brittle Fracture of Certain Aviation Plastics in Liquid Oxygen (K yavleniyu khrupkogo razrusheniya nekotorykh aviationskikh plastmass v srede zhidkogo kisloroda)

PERIODICAL: Tr. Khar'kovsk. vyssh. aviats. inzh. voyen. uch-shcha, 1954,
Nr 28, 128 pages

ABSTRACT: In the first part of the monograph an examination is made of existing theoretical and experimental works on the physical, and more especially mechanical and electrical, properties of amorphous substances. It is shown that brittle fracture may be treated by A. F. Ioffe's method, wherein in the case of high polymers the temperature curve of σ_1 is replaced by the temperature curve of the limit of induced elasticity; relaxation phenomena play an important part in the deformation that precedes fracture. The second and major portion of the monograph is dedicated to a description of the author's experiments and their analysis. The investigations were performed on textolite impregnated with a phenolformaldehyde resin of the resol type, which represents a

Card 1/4

124-57-1-1365

On the Phenomenon of Brittle Fracture (cont.)

material with a three-dimensional structure and thermoreactive properties, also on an organic glass which represents high-polymer compounds with a linear structure and thermoplastic properties. The studies comprised the chemical stability of the plastic against the action of the liquid oxygen, the tensile strength and the endurance limit in bending for smooth and notched specimens of various shapes, the specific volume, the dielectric permeability, and the slope of the angle of the various losses against the temperature. The study of the last three characteristics covered a temperature range from +160° to -183°C, while the other cases lay within a range from +15° to -183°. It is shown that during a lengthy exposure to liquid oxygen and under multiple sharp changes in temperature from -183° to +60° the organic glass and the textolite exhibit a comparatively elevated chemical stability, judging from the weight losses and the changes in the strength criteria. The tensile strength increases with a decrease in temperature within the above indicated limits on smooth and notched specimens; the increase for organic glass is approximately 100-200 percent and for textolite approximately 50 percent. The endurance strength also grows for smooth and notched specimens; it amounts to approximately 50 percent for either material. The presence of surface unevennesses and stress concentrations, particularly in the form of sharp notches, lowers both the static strength and the fatigue

Card 2/4

124-57-1-1365

On the Phenomenon of Brittle Fracture (cont.)

strength substantially at all temperatures. The resilience changes but little with a lowering of the temperature. Inasmuch as the temperature interval investigated lies far below the vitrification temperature T_g , which lies between +70 and +80°, the fracture in all cases was brittle; the greatest tensile deformation of smooth specimens at +15° was approximately 1% and in other cases of the order of 10^{-1} percent. Therefore, during tensile tests the tests established essentially the magnitude of the fracture stress only. The results obtained in the investigation of the cyclical strength show that when the plastics are in the vitrified state, and that includes the extremely low temperatures, they exhibit sufficient damping properties. The study of the appearance of the fracture showed that the factors that contributed to a lowering of the strength (stress concentration centers, high temperatures, etc.) are conducive to the formation of a mirror-smooth fracture surface region as compared with the rough-conchoidal region. Under cyclical loads, a similar relative enlargement of the mirror-smooth fracture region corresponds to an increase in the stresses and decrease in the number of cycles. It is reasoned that this enlargement under static and cyclical loads is due to a more intense manifestation of relaxation processes which are conducive to a leveling and reduction of the stresses along the growth planes of the fracture fissures. The investigation of the physical and more especially electrical properties

Card 3/4

124-57-1-1365

On the Phenomenon of Brittle Fracture (cont.)

of the organic glass and the textolite permitted the conclusion that during the transition from the plastic state to the vitrified state, and during the converse transition, no structural changes (phase transformations were observed, the opinions of a number of foreign scientists notwithstanding). The author reasons that the physicochemical and strength properties of individual plastics in liquid oxygen justify their recommendation for use as structural materials for equipment intended to function in liquid oxygen and in other similar conditions.

1. Plastics--Fracture--Temperature effects 2. Plastics Ye. M. Shevandin
--Fracture--Test results 3. Oxygen (Liquid)--Applications

Card 4/4

USCOMM-DC-55297

KUVARZIN, I.^N(Engr.-Lt Col) and UL'YANOV, R. (Engr-Lt. Col.)

"Study of the Construction and Characteristics of Thermosetting Construction and Heat-Insulating Materials," report presented at the Ninth Scientific-Technical Conference, held at the Khar'kov Higher Aviation-Engineering Military School, Dec 1958.

KUVERZINA, N. G.

I. N. Nazarov and N. G. Kuverzina, Derivatives of acetylene. Article LXVIII. The chemistry of divinylketone. VI. The condensation of 2-formoxy-butadiene, 2-methoxy-butadiene and chloroprene with divinylketones. P. 599.

The condensation of 2-formoxy-butadiene, 2-methoxy-butadiene and chloroprene with divinylketones (3-methyl-1,4-hexadiene-5-hexenone and 5-methyl-1,4-cyclohexene-3-dienone) is investigated. The reaction proceeds easily as a diene-synthesis with the formation of the corresponding para-displaced derivatives of cyclo-hexenyl-ketones.

Inst. of Organic Chemistry of the
Acad. of Sci. USSR
November 10, 1947

SC: Bulletin of the U.S.S.R. Academy of Sciences (Chemistry Series)
Izvestia Akad. Nauk, S.S.R., No. 6, 1948.

BC
 Derivatives of vinylacetone. I. Esters of vinyl- and dimethyl-(I), b.p. 80°/13 mm., methylpropyl-(II), b.p. 84°/10 mm., methyl-n-propyl-, b.p. 70°/11 mm., and methyl-n-butyl-n-propyl-, b.p. 70°/11 mm., b.p. 70°/10 mm., methyl-n-butyl-n-butyl-, b.p. 70°/10 mm., 1-vinylcyclohexanone (III), b.p. 100°/10 mm., 1-vinylcyclohexene (IV), b.p. 100°/10 mm., 1-vinylcyclohexyl-cyclohexene (V), b.p. 93°/45°/8 mm., and 10 mm., 4-methyl-cyclohexanone (VI), b.p. 93°/45°/8 mm., and the corresponding 4-methylcyclohexanone, having respectively b.p. 96°/45°/8 mm., 65°/60°/8 mm., 78°/77°/8 mm., 77°/77 mm., (VII) (1) with Ar₁O₂ at 10°/10° yields the acetate, (VIII) (1) with Ar₁O₂ at 10°/10°, with Ar₂O₂ and a trace of conc. H₂SO₄, at 60°/60°, and (V) is dehydrated to CH₃CH=CH-C(=O)-CH₂Cl₂, and (V) with HCl yields the chloro, b.p. 31°/32°/10 mm., which does not react with NaOH, and a dehydration product, C₆H₁₀, b.p. 63°/6°/8 mm., and (VII) an acetate, b.p. 104°/7 mm., and (V) yield the acetate, b.p. 104°/7 mm., and (V) yield the acetate, b.p. 111°/14 mm.; (IV) and (V) yield the acetate, b.p. 109°/7 mm., and 4-cyano-

Acetone, b.p. 44-90°/15 mm. and 90-6-87°/12 mm., respectively; dimethyl-, and methyl-ethyl-, propyl-, and tert.-butyl- β -hydroxyethylcarbinols yield acetates, b.p. 61-83°/9 mm., 65-71°/8 mm., 53-83°/8 mm., and 53-6°/8 mm., respectively, whilst the last two carbinals give dehydration products, $C_6H_{14}O$, b.p. 68°/8 mm.; α -Diphenyl-acetylcarbinol acetate has b.p. 133-133°/2.

IV. tert-Vinylacetylmethacarbinals with monohydric alcohols in presence of H_2SO_4 , yield ethers which polymerize (to transparent gels) more slowly than the carbinals; with $(CH_3)_3OH$, they give β -Hydroxyethyl ethers, which polymerize as rapidly as the carbinals, together with traces of the glycid di-ether. The following are the b.p. of the ethers of (I): Me, 78-30°/8 mm., Et, 81-36-37°/8 mm., Pr, 53-56°/11 mm., Pt , 40-41°/9 mm., iPr , 54°/9 mm., Bu, 68-67°/9 mm., Bu^2 , 53-56°/7 mm., Isobutyl, 68-69°/7 mm., Denoyl, 90-97°/3 mm., β -Hydroxyethyl, 63-65°/7 mm. (acetate, b.p. 112-114°/15 mm.), diethyl glycid di-ether, 127-129°/8 mm.; of (II): Me, 45-43°/10 mm., Et, 50-51.5°/10 mm., Bu, 68-77°/24 mm., Isobutyl, 63-66°/16 mm., β -Hydroxyethyl, 116-117°/21

: and of (V): β -Hydroxyethyl, 140-143°/10 mm. (acetate, b.p. 180-181°/9 mm.).

V. tert-Vinylacetylmethacarbinals with monoalkyl ethers of $(CH_3)_3CH_2$ in presence of H_2SO_4 , yield readily polymerizable β -ethoxyethyl ethers having the following b.p., from (I): Me, 78-80°/10 mm., Et, 84-90°/11 mm., Pr, 100-101°/11 mm., Bu , 99-100°/3-3 mm., β -methyl- β -ethoxyethyl, 113-117°/7 mm.; and from (II): Me, 78-80°/6 mm., Et, 87-89°/6 mm., Pr, 100-102°/6 mm., β -methyl- β -ethoxyethyl, 106-107°/2 mm.

VI. Ethers of tert-vinylacetylmethacarbinals give with 10% H_2SO_4 the original alcohol, and with conc. or gaseous HCl the tert. chlorides, which can be hydrolysed to the alcohol. Treatment of the ethers with alcohols containing conc. H_2SO_4 , gives ethers of the new alcohols. All these reactions are reversible.

A. I.A.

KUTTEREIM, M. V.

L. M. V. Kuttereim, N. N. Rukavina and M. V. Kurnikova, "The chemistry of diaryl ethers. VI. Synthesis of diaryl ethers, their properties and synthesis of substituted diaryl ethers," *Vestn. Akad. Nauk. SSSR.*, No. 10, 1960.

See: Bulletin of the U.S.A.F. Society of Polymer Chemistry (Circular Series),
Inventiv. Nauk. VINITI, V.I.U.S.R., No. 1, 1961.

SHVARTZMAN, M. V.

USSR/Chemistry - Acetylene, Derivatives
Chemistry - Ketones

Nov/Dec 1981

"Acetylene Derivatives: No. 3, Chemistry of Divinylketones: XV, Condensation of 2-Formoxybutadiene, 2-methoxybutadiene and Chloroacrylene with Divinylketones," I. I. Sazaryev, ... V. Shvarcman, Inst Org Chem, Acad Sci USSR, 21 pp

"14 ak Akad SSSR, vstrel khim nauk" No 6

Describes simple new general method of synthesizing -epoxides by the action of ammonium and methylamine on vinylidieneketones and their acetoxy derivatives, easily obtainable by hydration of vinylacetylene hydrocarbons. Substituted 5 bar 1.5.

PK 33/4721

KUVARZINA, M. V.

I. N. Nazarov and M. V. Kuvarzina, Derivatives of acetylene. 74. Chemistry of divinyl ketones.

XII. The step by step hydrogenation of substituted divinyl ketones and vinylallyl ketones. P. 1328.

Addition of one molecule of hydrogen to α,β -dialkyldivinyl ketones in the presence of Pd- or Pt-catalysts, occurs mainly on the nonsubstituted vinyl group with formation of corresponding nonsaturated ketones with one double bond.

Institute Of Organic Chemistry of the
Academy of Sci. (USSR)
April 7, 1947.

SO: Journal of General Chemistry (USSR) 18, (80) No. 7 (1948).

KUVARZIN, M. V.

USSR/Chemistry - Acetylene
Chemistry - Ketones

May/June 49

"Acetylene Derivatives: No 91, The Chemistry of Divinylketones: XVI, the
Addition of Hydrogen Cyanide to U.V., Dimethyldivinylketone," I. N.
Nazarov, M. V. Kuvarzin, Inst of Org Chem, Acad Sci USSR, 6 pp

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 3

Studies subject reaction, including oxidation, hydrogenation, and
hydrolysis, and transformation of unsaturated ketonitrile which accom-
panied the reaction. Submitted 20 Mar 48

PA 56/49T10

TOROV, I. V.; KUVARINA, L. V.; NABAEV, I. I.

Phenyl Acetylen Derivatives. Polyacetylene
Derivatives. Synthesis of Phenanthrene Derivatives. Polyacetylene

"Acetylene Derivatives. 130. Synthesis of Polycyclic Compounds. VIII.
Condensation of 1-Vinyl- Δ^1 -Cyclohexene with Δ^1 -Olefins," I. I. Nabaev,
I. V. Torov, L. V. Kuvarina, Inst. of Org. Chem., Acad. Sci. USSR,
"Zhur. Obsch. Khim." Vol. XXII, No. 2, pp. 247-257.

PA 200717

KUVALDINA, O.A.

Electrocardiographic observations in stabbed and incised wounds of the
heart. Sov. med. 27 no.11;101-105 N '64. (MIRA 18:7)

1. Elektrokardiograficheskiy kabinet Murmanskoy oblastnoy bol'nitsey
(glavnnyy vrach A.F.Pavlova).

KUVASHINSKIY, V.V., kand.tekhn.nauk; YURIN, V.A., inzh.

~~Combination cutting tools used in lot production. Mashinostroitel'~~
no.10:29-30 0 '57. (MIRA 10:11)
(Cutting tools)

ANOKHIN,A.I., doktor tekhnicheskikh nauk,prof.[deceased]; BORODACHEV,I.P. kand. tekhnicheskikh nauk; BROMBERG, professor; VASIL'YEV,A.A., laureat Stalinskoy premii; PETERS, kandidat tekhnicheskikh nauk; POLOSIN-NIKITIN,S.M., kandidat tekhnicheskikh nauk; PRUSSAK,B.N., inzhener; RITOV,M.H., inzhener; FEYNBERG,G.M., inzhener; ESTRIN, M.I., inzhener; ALEXSEYEV,A.P., inzhener; BIRULYA,A.K., professor, doktor tekhnicheskikh nauk; BOLDAKOV,Ye.V., doktor tekhnicheskikh nauk; BOCHIN,V.A., laureat Stalinskoy premii,inzhener; VOLKOV,M.I., professor; GIBSHMAN,Ye.Ye., professor, doktor,technicheskikh nauk; DONCHENKO,V.G., dotsent, kandidat tekhnicheskikh nauk; ZHURAVLEV,A.Ya., laureat Stalinskoy premii; IVANOV,N.N., laureat Stalinskikh premii, professor, doktor tekhnicheskikh nauk; KUVASOV,A.S., inzhener; NEKRASOV, V.K., kandidat tekhnicheskikh nauk; POLOSIN-NIKITIN,S.M., dotsent, kandidat tekhnicheskikh nauk; KHLIEBNIKOV,Ye.L., laureat Stalinskoy premii, professor; ORNATSKIY,N.V., doktor technicheskikh nauk, professor, redaktor; VOSKRESENSKIY,N.N., redaktor; KOVALIKHINA,N.F., tekhnicheskiy redaktor

[Manual for highway engineers; road building machinery] Spravochnik inzhenera dorozhnika; dorozhno-stroitel'nye mashiny. Moskva, Izd-vo dorozhno-tekhn. lit-ry. Gushosdora MVD SSSR, 1952. 698 p.
[Microfilm]

(MIRA 9:2)

(Road machinery)

KUVATBEKOV, I.Kh.

Treatment of seeds with succinic acid and its effect on the yield and some biochemical indices of the cotton of the 108-F variety. Uzb. biol. zhur. 9 no.5:21-24 '65. (MIRA 18:10)

l. Institut eksperimental'noy biologii tekhnicheskikh i zernovyykh kul'tur AN UzSSR.

33C95

S/630/61/001/000/018/056
B104/B138

24.6700

AUTHORS: Gerasimov, A. G., Gorbunov, A. N., Dubrovina, V. A., Kuprev,
D., Kuvatov, K., Orlova, A. I., Osipova, V. A., Sakovich,
V. A., Silayeva, V. S., Fomin, Yu. A., Cherenkov, P. A.

TITLE: Study of photodisintegration of nitrogen, oxygen and neon

SOURCE: Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy
energii. Tashkent, 1959. Trudy, v. 1. Tashkent, 1961.
134 - 153

TEXT. The photodisintegration of N_7^{14} , O_8^{16} , and N_{10}^{20} was studied by means
of a Wilson chamber in a magnetic field acting directly on the brems-
strahlung beam. In order to be able to distinguish reactions $p + p \rightarrow p + n$
and record the recoil nuclei, the Wilson chamber was filled with a mix-
ture consisting of the gas to be investigated (nitrogen or neon) and hydro-
gen. Reduced pressure was used in experiments with oxygen. In experi-
ments with nitrogen, oxygen, and neon, the stopping power for protons
was 0.65, 0.31, and 0.50 relative to air. The mean energy of the photo-

?

33095
S/638/61/001/000/018/056
B104/B138

Study of photodisintegration . . .

protons from γ pn reactions was lower than that from γ p reactions. The effective cross sections were calculated; their shape indicates the importance of transitions in the residual nuclei. The proton angular distribution from γ pn reactions is nearly isotropic for low proton energies. For high proton energies (>20 Mev) it is very similar to that in deuteron photodisintegration. The proton angular distribution from γ p reactions is approximately isotropic for N_7^{14} and O_8^{16} at low energies. In the expression $d\sigma/d\Omega = A(1+B/\sin^2\theta+C/\sin^2\theta\cos\theta+D/\cos\theta)$, the effect of the last three terms in parentheses increases for higher energies. The isotropic part of the angular distribution is greater for N_7^{20} than for the two other isotopes. An abnormally high yield of the γ pn reaction was found for N_7^{14} .

it is attributed to interaction of a photon with a pair of "valency" nucleons in the outer shell, which are in the $1p_{1/2}$ state with parallel spins. During photon absorption, the electric dipole absorption plays an essential part in N and O nuclei. The logarithmic moments of the photon-absorption cross sections are in good agreement with results obtained on the basis of an independent-particle model. Ya. K. Khokhlov

X

Card 2/4,

Study of photodisintegration ...

3/6/56

3/6/56/001/000/013/056
B104/B138

(DAN, SSSR, 1954, 97, 239; ZhETF, 1957, 32, 124) and A. B. Migdal (ZhETF, 1945, 15, 81) are mentioned. There are 9 figures, 7 tables, and 22 references: 6 Soviet and 14 non-Soviet. The four most recent references to English-language publications read as follows: Livesey D. L. Canad. Journ. Phys., 35, 9, 1957; Rhodes, Stephens W. E. Phys. Rev., 110, 1415, 1958; Elliot, Flowers B. H. Proc. Roy. Soc., A. 242, 57, 1957; Svantesson N. L. Nucl. Phys., 3, 273, 1957.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva AN SSSR (Physics Institute imeni P. N. Lebedev AS USSR)

Card 3/4

X

S/707/62/005/000/011/014
D290/D503

AUTHORS: Gorbunov, A.N., Kaipov, D.K. and Kuvatov, K.G.

TITLE: Photodisintegration of neon nuclei

SOURCE: Akademiya nauk Kazakhskoy SSR. Institut yadernoy fiziki. Trudy, v. 5. Alma-Ata, 1962. Fizika chastits vysokikh energiy. Struktura yadra, 135-146

TEXT: The authors studied the photodisintegration of neon nuclei for photon energies up to 70 Mev; they used a cloud-chamber that contained neon and that was placed in a magnetic field of 10,510 gauss. They measured the relation between the effective cross-section of the (γ P) reaction and the photon energy E_γ ; the maximum cross-section (11.43 ± 0.81 mbarn) occurs for $E_\gamma = 18-20$ Mev, which indicates that the ^{19}F nucleus is formed in an excited state. The yields and cross-sections of various types of reaction were measured; the integral absorption cross-section is 0.588 ± 0.0085 barn-Mev. The value of σ_b ($\sigma_b = \frac{\sigma(E)}{E} dE$) is 17.58 ± 0.25 mbarn; this ✓

Card 1/2

S/707/62/005/000/011/014

D290/D303

Photodisintegration of neon nuclei

agrees well with the value calculated for electric dipole absorption using the independent particle model of the nucleus. The root-mean-square radius of charge distribution R_c for the neon nucleus ($R_c = 2.529 \times 10^{-13}$ cm) and the nuclear unit radius r_0 ($r_0 = 1.183 \times 10^{-13}$ cm) were calculated from σ_b . The polarizability of nuclear matter σ_{-2} was calculated ($\sigma_{-2} = 0.619$ mbarn/Mev); this value agrees well with the theoretical value found using the collective model of the nucleus. The proton angular distributions were measured for the (γp), (γpn), and (γpx) reactions; the results confirm the direct dipole absorption of γ -quanta by separate nucleons. The proton angular distribution for the (γpn) reaction is isotropic for $E_\gamma < 5$ Mev, but strongly favors the forward direction for $E_\gamma > 5$ Mev; this may indicate that quasi-deuteronic absorption occurs at high energies. The most important English-language reference reads as follows: Levinger, J.S., Bethe, H.A., Phys. Rev., 78, 115, 1950. There are 8 figures and 3 tables.

Card 2/2

KUVATOVA, M.G.

Experimental research on the study of the combined effect of
certain preparations on the contractile action of the uterus.
Vest. AN Kazakh. SSR 14 no.11:105-109 N '58. (MIRA 11:12)
(UTERUS)

KUVATOVA, M. G., Cand Med Sci -- (diss) "Experimental and clinical data on the study of the influence of several drugs and their co-administration on the contracting activity of the uterus." Alma-Ata, 1960. 20 pp; (Kazakhstan State Medical Inst); 150 copies; price not given; (KL, 30-60, 140)

KUVAYEV, A.Ye.

Afferent impulses in the cardiac fibers of the vagus nerve in
myocardial ischemia. Biul.eksp.biol. i med. 54 no.5.51-55 '65.
(MIRA 18:11)

I. Kafedra normal'noy fiziologii (zav. - prof. G.I.Kostylev)
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni
N.I.Pirogova, Moskva. Submitted June 8, 1964.

KUVAYEV, B.Ye.; IMYANITOV, N.S.

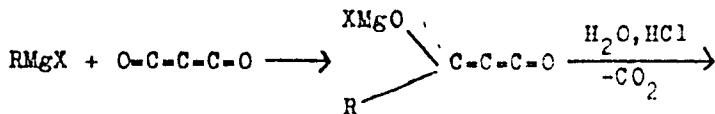
Analysis of dicarboxylic acids by paper chromatography, Zhur.
anal. khim. 20 no.8:876-879 '65. (MIRA 16:10)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimi-
cheskikh protsessov, Leningrad.

5 (3)

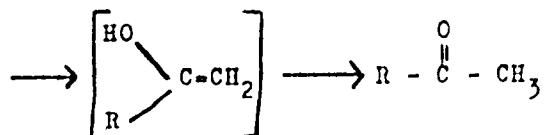
AUTHORS: Dashkevich, L. B., Kuvayev, B. Ye. SOV/79-29-7-58/83

TITLE: Some Reactions of Carbon Suboxide (Nekotoryye reaktsii nedokisi ugleroda). IV. The Reaction of Magnesium-halogencarbocyclic Compounds With Carbon Suboxide (IV. Vzaimodeystviye magniy-galoid-karbotsiklicheskikh soyedineniy s nedokis'yu ugleroda)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2368 - 2370
(USSR)ABSTRACT: In accordance with earlier investigations (Refs 1,2) it was to be expected that the reaction of magnesium-halogen-carbocyclic compounds with carbon suboxide would yield symmetric β -diketones. However, methylketones were obtained by the reaction of carbon suboxide with magnesium-cyclopentylbromide, magnesium-cyclohexylbromide, magnesium-menthylchloride, and magnesium-bornylchloride. The reaction probably proceeds in eq. imolecular proportions as given in the tentative reaction scheme:

Card 1/2

Some Reactions of Carbon Suboxide. IV. The Reaction of SOT/72-29-7-58/03
Magnesium-halogen carbocyclic Compounds With Carbon
Suboxide



There are 7 references, 3 of which are Soviet.

ASSOCIATION: Leningradskiy khimiko-farmatsevticheskiy institut (Leningrad
Chemico-pharmaceutical Institute)

SUBMITTED: June 18, 1958

Card 2/2

DASHKEVICH, L.B.; BUYEVICH, V.A.; KUVAYEV, B.Ye.

Carbon suboxide and some of its properties. Part 6: Pyrolytic
preparation of carbon suboxide. Zhur. ob. khim. 30 no.6:1946-1950
Je '60.
(MIRA 13:6)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Carbon oxide)

(MAN'JU, N.S.; KUWAYE, T.; ITO, T.)

Hydrocarboxylation of testosteron and its derivatives, p. 165
2562 N 165.

1. Vacuoymnyy mukhamed'ya, T. I. V. I. Ito, T. S. K. chekikh protsessov. Sinteticheskaya khimiya, 1970,

KUVAYEV, M.R.

Generalization of Levner type equations for automorphic
functions. Trudy TGU 144:27-30 '59. (MIRA 13:6)

1. Kafedra obshchey matematiki Tomskogo gosudarstvennogo
universiteta imeni.
(Functions, Automorphic)

KUVAYEV, M.R.

New deduction of the Levner type equation for doubly-connected domains. Trudy TGU 144:45-55 '59. (MIRA 13:6)

1. Kafedra obshchey matematiki Tomskogo gosudarstvennogo universiteta im. V.V. Kuybysheva.
(Differential equations)

KIVAYEV, N. N.: Master Tech Sci (disc) -- "The effect of measures on the stability of the edges of coal cuts (On the example of cuts in the Kuzbass)", Leningrad, 1956, 21 pp (Min Higher Educ USSR, Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst im G. V. Plekhanov), 120 copies (Kh, No 10, 1959, 126)

KUVAYEV, N.N., inzh.

Determining the volume by weight of coal in the Chelyabinsk Basin.
[Trudy] VNIMI no. 33:191-195 '58. (MIRA 14:5)
(Chelyabinsk--Mine examination)

KUVAYEV, N.N., inzh.

Testing the physical properties of rock under natural conditions.
[Trudy] VNIIMI no. 33:196-209 '58. (MIRA 14:5)
(Kuznetsk Basin--Mining geology)

KUVAYEV, N.N., kand.tekhn.nauk

Studying the mechanical properties of rocks in situ. Ugol' 35
no. 12:23-26 D '60, (MIRA 14:1)
(Rocks--Testing) (Strip mining)

KUVAYEV, N.N., kand.tekhn.nauk; KULIKOV, V.I., inzh.

Value of caving angles in deposits of the Krivoy Rog Basin. [Trudy]
VNIMI no.40:159-165 '61. (MIRA 14:12)
(Krivoy Rog Basin--Earth movements)

KUVAYEV, N.N., kand. tekhn. nauk; KUZ'MIN, V.I., inzh.

Protecting installations in mining at great depths. Gor. zhur.
no.2:70-74 F'62. (MIRA 17:2)

1. Krivorozhskiy opornyj punkt Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.

KUVAYEV, N.N., kand.tekhn.nauk; MOZHZHERIN, V.M., inzh.

Conditions for the formation of funnels caused by the mining of
ore deposits. Bezop.truda v prom. 7 no.3:23-24 Mr '63.

(MIRA 16:3)

1. Krivorozhskiy opornyj punkt Vsesoyuznogo nauchno-issledovatel'skogo
marksheyderskogo instituta.

(Mining engineering)

KUVAYEV, N.N., kand.tekhn.nauk; KUZ'MINA, R.V., inzh.; MOZHZHERIN, V.M.,
inzh.

Stability of pit edges at the Central Mining and Ore Dressing
Combine. Gor.zhur. no.12-8-9 D '63. (MIRA 17:3)

1. Krivorozhskiy opornyj punkt Vsesoyuznogo nauchno-issledovatel's-
kogo marksheyderskogo instituta.

KUVAYEV, N.N., kand. tekhn. nauk

Effect of rock fracturing on the stability of strip mine slopes.
Nauch. zap. Ukrniiproekta no.10:25-28 '63.

Stability of the slopes of the Krivoy Rog Basin strip mine during
underworking. Ibid.:29-36
(NIKA 17:6)

KUVAYEV, N.N., kand. tekhn. nauk; KUZ'MINA, R.V.

Insuring the stability of strip mine slopes at the Southern
Mining and Ore Dressing Combine. Met. i gornorud. prom.
no.1:49-50 Ja.-F '65.

(MIPA 18-3)

KUVAYEV, N.N.

Mechanical and deformation properties of rocks in a massif.
Fiz.-tekhn. probl. razrab. pol. iskop. no.5:166-179 '65.

(MFA 19:1)

I. Ukrainskiy nauchno-issledovatel'skiy i proyektnyy institut
ugol'noy, rudnoy, neftyanyy i naftovoy promyslennosti, Kiyev.

KUVAYEV, N. Ye.

At the Dnepropetrovsk Mining Institute in Artem Sergeyev from April 1939 to April 1947, the following dissertations were defended in connection with attaining the scholarly degree of Candidate of Technical Sciences (specializing in mining electrical engineering): N. Ye. Kuvayev on 31 October 1940 defended his dissertation on the subject "An investigation of the properties of a single-phase condenser motor for driving mine machinery".

The official opponents of this dissertation were Doctor of Technical Sciences Professor P. F. Pirotskiy and Docent T. A. Zanuzdannyy.

A theoretical and experimental investigation was conducted of the properties of a single-phase condenser motor. An analysis was given of the electromagnetic processes occurring in the motor under various working conditions. A number of erroneous statements in the work of other authors were pointed out. Methods of improving the characteristics of a condenser motor were outlined. The possible areas of use for this type of motor under mining-industry conditions were determined.

SO: Elektrичество [Electricity], No. 10, October 1947. Moscow.

~~WIKI~~ KUVAYEV, Nikolay Yefremovich, dots.; MAYMIN, Semen Refailovich, dots.;
~~SHAFRAZOV~~, Vitaliy Pavlovich, kand.tekhn.nauk; MIROSHNIK, Aleksandr
Mikhaylovich, kand.tekhn.nauk; BUN'KO, Viktor Aleksandrovich, dots.;
LEVITSKIY, D.A., otvetstvennyy red.; LIBERMAN, S.S., red.izd-va;
ANDREYEV, S.P., tekhn.red.

[Electric drive for mining machinery and the principles of automatic
operation] Elektroprivod gornykh mashin i osnovy avtomatiki. Khar'kov,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1957. 320 p.
(Mining machinery--electric driving)
(Automatic control)

KUVALIN, N. Ye. (otsent); MROCHNIK, A. M. (Sand. Tech. Sci.)

"Scheme of Control of a Group of Electric Motors of Alternating Current for Mechanisms of Movement of Multi-grab Excavators and Transportable Dumping Bridges,"

paper read at the Session of the Acad. Sci. USSR, on Scientific Problems of Automatic Production, 14-20 October 1956.
Avtomatika i telemekhanika, No. 2, p. 182-192, 1957.

9015229

KUVAYEV, N.Ye.; MIROSHNIK, A.M.

Direct current separately excited two-motor drives. Izv. DGI
28:68-85 '58. (MIRA 11:10)
(Electric driving)

KUVAYEV, N.Ye.; SHISHKOV, A.I.

Design of mechanical characteristics for hoisting induction motors
in a diagram of dynamic braking with feedback. Jzv. DGI 28:91-104
'58. (MIRA 11:10)
(Mine hoisting--Electric driving)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930003-8"

KURAZHKOVSAIY, YU. N.: KUVAYEV, V. B.

Pastures - Siberia

Changes in the nature of the northern taiga under the effect of grazing. Vest. Nauk. un., 7, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October, 1952 ~~1950~~ Unclassified.

KUVAYEV, V.B.

Pastures and meadows of Olekminsk District in the Yakut A.S.S.R.
Trudy Inst.biol.IAk.fil. AN SSSR no.1:103-135 '55. (MIRA 10:1)
(Olekminsk District--Pastures and meadows)

KUVAYEV, V.B.

The vegetation of the eastern part of the Verchoiansk Mountains.
Rast.Krain.Ser.SSSR i ee osv. no.2:133-186 '56. (MLRA 10:3)
(Verkhoyansk Range--Phytogeography)

KUVAYEV, V.B.

Vegetation and forage resources of southwestern Yakutia. Trudy
IFAN SSSR no.2:112-291 '57. (MIRA 11:4)
(Yakutia—Botany) (Yakutia—Forage plants)

YEGOROV, A.D.; KUVAYEV, V.B.

Chosenia Macrolepsis and the willow herb are interesting food plants for
the European reindeer. Nauch. soob. IAFAN SSSR no.1:92-95 '58.
(MIRA 17:1)

KUVAYEV, V.B., kand. biol. nauk.

Unused capacities for strengthening the food supply in Yakutia.
Zhivotnovodstvo 20 no.5:60-66 My '58. (MIRA 11:5)
(Yakutia—Pastures and meadows)

YEGOROV, A.D.; KUVAYEV, V.B.

Two interesting forage plants of the reindeer in northeastern
Yakutia [with summary in English]. Izv.AN SSSR Ser.biol. 23
no.2:222-226 Mr-An '58. (MIRA 11:4)

1. Laboratoriya biokhimii i fiziologii rastneiy Yakutskogo filiala
AN SSSR.

(YAKUTIA--REINDEER--FEEDING AND FEEDING STUFFS)
(EPILOBIUM) (CHOSENIA)

30(1)
AUTHORS:

Yegorov, A.D., Professor, and Kuvayev, V.B., Candidate of Biological Sciences

SOV/26-59-4-25/43

TITLE:

Two Interesting Fodder Plant Varieties for Reindeer
in North-East Yakutiya(O dvukh interesnykh kormovykh
rasteniyakh olenya na severo-vostoke Yakutii)

PERIODICAL:

Priroda, 1959, Nr 4, pp 101-103 (USSR)

ABSTRACT:

The authors describe two fodder plant varieties for reindeer in north-east Yakutiya- the Chosenia macro-lepis (Turcz.) Kom. and the Chamaenerium latifolium (L.) Th. Tr. et Lange. According to the observations made by V.P. Samarin and V.B. Kuvayev, B.P. Kolesnikov and Ye.I. Shteynberg, these plants to be found in north-east Asia in arctic and subarctic regions, represent valuable fodder for reindeer all the year round. Analysis, carried out by the Laboratoriya biokhimii i fizioligii Yakutskogo filiala AN SSSR (Laboratory of Biochemistry and Physiology of the Yakut Branch of the AS USSR) proved the valuable

Card 1/2

JOV/26-59-4-15/43

Two Interesting Fodder Plant Varieties for Reindeer in North-East
Yakutiya

chemical composition of these plants containing all basic nutritive substances; e.g. V.I. Ivanova discovered that leaves of the Chosenia macrolepis contain 32.14% protein and 27.32% albumen in the blossom period and the Chamaenerium latifolium contains 23.9% protein, 22.26% albumen and 4.79% fat at the end of the blossom period. There are 2 photos.

ASSOCIATION: Institut biologii Yakutskogo filiala Akademii nauk SSSR (Institute of Biology of the Yakut Branch of the AS USSR) Professor A.D. Yegorov
- Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh rasteniy (Moskovskaya oblast') (All-Union Scientific Research Institute of Herbicides) Union Scientific Research Institute of Herbicides (Moscow Oblast) Candidate of Biological Sciences V.B. Kuvayev

Card 2/2

KUVAYEV, V.B.

Characteristics of the distribution of vegetation in the western part
of the Verkhoyansk Range. Probl. bot. 5:72-84 '60. (MIRA 13:10)

1. Vsesoyuznyy institut lekarstvennykh i aromaticheskikh trav. Moskov-
skaya oblast'.
(Verkhoyansk Range--Mountain ecology)

KUVAYEV, V.B.; BLINOVA, K.F.

Preliminary chemical evaluation of Transbaikalian plants used
in Tibetan medicine. Trudy Len. khim.-farm. inst. 12:213-262
'61. (MIRA 15:3)

1. Vsesoyuznyy institut lekarstvennykh i aromaticheskikh
rasteniy i Leningradskiy khimiko-farmatsevticheskiy institut.
(TRANSBAIKALIA--BOTANY, MEDICAL)
(PHARMACOGNOSY)

KUVAYEV, V.B.

Establishing the belt of cold stony deserts in mountains of
the northern part of Eurasia [w.s.i.E.]. Bot.zhur.46 no.3:337-347
Mr '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticheskikh rasteniy, Moskovskaya oblast'.
(Russia, Northern--Mountain ecology)